

Waterbodies and/or Causes of Impairment Delisted from the 1998 303(d) List

| Causes of Impairment Delisted from the 1998 303(d) List | | | | | |
|---|----------------------------|-----------|----------|----------------|--|
| Waterbody ID | Name | Size | Class | Cause | Summary of Justification for Delisting |
| Group 1 – Waterbodies where a TMDL is under development. | | | | | |
| RI0001003R-01 | Blackstone River | 15.748 mi | B1/B1{a} | Cr | Re-evaluation of the Blackstone River Initiative (BRI) data indicates that there were no exceedences of the dissolved chromium standard. Review of 1996-1998 USGS data for Millville and Manville also show no exceedences. |
| RI0007025R-01 | Hardig Brook | 5.768mi | B | nutrients | Delisted for nutrients because there are no criteria for nutrients in streams and available data does not show any nutrient-related impairments in the brook. |
| RI0007028R-03 | Hunt River | 8.820 mi | B | nutrients | Delisted for nutrients because there are no criteria for nutrients in rivers and available data does not show any nutrient-related impairments in the river. |
| Group 2 - Waterbodies where a TMDL is planned. | | | | | |
| RI0001002R-01 | Branch River | 10.744 mi | B | Cu | Review of the 1997-1998 USGS data for the station at Forestdale indicates no exceedences of the dissolved copper standard. |
| RI0001002R-05 | Clear River | 2.199 mi | B/B1 | nutrients | Delisted for nutrients because there are no criteria for nutrients in rivers and available data does not show any nutrient-related impairments in the river. |
| RI0001006R-01 | Abbott Run Brook | 4.392 mi | A | TSS, turbidity | Review of baseline water quality data collected through 1998 show no impairment. In addition, there is no standard for TSS. |
| RI0004009L-02 | Slater Park Pond | 1.3 ac | B1 (H) | hypoxia | This parameter was improperly identified on the 1998 303(d) list, since there was never any available dissolved oxygen data for this pond. |
| RI0005047R-02 | Keach Brook | 3.484 mi | B | pH | This delisting corrects an oversight on the 1998 303(d) list when Keach Brook was not included with other waterbodies with a naturally low pH that were delisted. RIDEM Fish and Wildlife's 10-year study of these low pH waters showed healthy populations of fisheries and URI Watershed Watch noted that these areas appear to have a naturally low pH as demonstrated by their historical dataset. |
| RI0006017L-05 | Roger Williams Parks Ponds | 98 ac | B (H) | chlorides | This parameter was improperly included on the 1998 list. Review of the 1994 Watershed Watch data which was originally used, indicates that the levels of chlorides detected are well below the standard. |

| Waterbody ID | Name | Size | Class | Cause | Summary of Justification for Delisting |
|--|-------------------------------|-----------|--------|----------------------|--|
| Group 2 - continued | | | | | |
| RI0007025L-01 | Gorton Pond | 59 ac | B (E) | nutrients, chlorides | Review of the URI Watershed Watch 1997 and 1998 data for Gorton Pond show that chlorides and total phosphorus concentrations met water quality standards. |
| RI0007025R-01 | Hardig Brook | 5.768 mi | B | chlorides | Review of baseline data for 1998 and 1999 showed that the chloride levels in Hardig Brook did not exceed water quality standards. |
| RI0007035R-01 | Bailey Brook | 3.667 mi | A | nutrients, chlorides | The parameters proposed to be delisted for Bailey's Brook were incorrectly put on the 1998 303(d) list, since the 1998 305(b) assessment identified them as threats, not impairments. In addition, the 1996 and 1998 baseline water quality data does not show an exceedence of the chlorides criteria. There is no standard for nutrients in streams, and there is no evidence to show nutrient-related impairments in the brook. |
| RI0007035R-02 | Maidford River | 4.258 mi | | nutrients, chlorides | The 1996 and 1998 baseline water quality data does not show an exceedence of the chlorides criteria. There is no standard for nutrients in streams, and there is no evidence to show nutrient-related impairments in the river. |
| RI0007036R-01 | Jamestown Brook | 1.312 mi | A | pathogens | Review of the 1998 and 1999 baseline data showed compliance with the fecal coliform criteria. |
| RI0008039R-02 | Ashaway River | 9.231 mi | A/B | biodiversity impacts | This was improperly listed on the 1998 303(d) list. The biological community has always been fully supporting in this river. |
| RI0008039R-06 | Chipuxet River | 15.367 mi | A/B | nutrients, turbidity | Delisted for nutrients because there are no criteria for nutrients in rivers and available data does not show any nutrient-related impairments in the river. Review of baseline data indicates that turbidity levels in the river do not exceed 10 NTU over background levels. |
| Group 3 - Waterbodies where additional monitoring for dissolved metals is needed. | | | | | |
| RI0001003L-02 | Valley Falls Pond | 42 ac | B1 (U) | Cu | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. |
| RI0003008R-01 | Moshassuck River | 5.276 mi | B/B{a} | Cu, Pb | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper and lead concentrations do not exceed the standard. |
| RI0006014R-04 | Pawtuxet River - South Branch | 10.033 mi | B/B1 | Cu | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. |

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|----------------------------|------------------------------------|-----------|-------|--------|---|
| Group 3 - continued | | | | | |
| RI0006016R-06 | Pawtuxet River - North Branch | 6.938 mi | A/B | Cu | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. |
| RI0006017L-06 | Mashapaug Pond | 77 ac | B (E) | metals | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. In addition, since it was based on sediment data, this impairment was incorrectly included on the 1998 303(d) list |
| RI0006017R-04 | Three Ponds Brook | 1.103 mi | B | Cu | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. |
| RI0006018L-05 | Print Works Pond | 26 ac | B (U) | Cu | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. |
| RI0006018R-03 | Pocasset River | 21.549 mi | B | Cu | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. |
| RI0007035L-03 | North Easton Pond (Green End Pond) | 113 ac | A (U) | Cu, Pb | All of the parameters proposed to be delisted for North Easton Pond were improperly included on the 1998 303(d) list. The listed parameters were identified as only <u>threats</u> , not impairments, in the 1998 305(b) assessment based on extrapolation of limited data from a tributary, Bailey Brook. There is no copper or lead data for this pond. |
| RI0007035R-01 | Bailey Brook | 3.667 mi | A | Cd | Review of the 1996 and 1998 baseline water quality data for total cadmium (the form of cadmium originally listed) indicates that there is no impairment. |
| RI0007035R-02 | Maidford River | 4.258 mi | A | Cd, Pb | Review of the 1996 and 1998 baseline water quality data for cadmium and lead indicates that there is no impairment. |
| RI0007036L-02 | South Watson Pond (South Pond) | 5 ac | A (U) | Cu, Pb | Copper and lead were improperly listed on the 1998 303(d) list. These parameters were assessed in the 1998 305(b) report as possible <u>threats</u> to the pond from Jamestown Brook. There is no data for copper or lead in the pond. |
| RI0007021R-01 | Runnins River | 2.807 mi | B | Cu | Data from DEM's 1998-1999 supplemental monitoring indicates that dissolved copper concentrations do not exceed the standard. |
| RI0007036R-01 | Jamestown Brook | 1.312 mi | A | Cd | The cadmium impairment was an incorrect listing on the 1998 303(d) list and was a due to a spelling error. The correct cause of impairment is dissolved copper, which is accurately reflected on the 2000 list. |
| RI0008039R-02 | Ashaway River | 9.231 mi | A/B | Cu | Review of the 1998 and 1999 baseline water quality data for copper indicates that there is no impairment. |

| Waterbody ID | Name | Size | Class | Cause | Summary of Justification for Delisting |
|--|------------------------------------|-----------|-------|---------------------------|---|
| Group 4 - Waterbodies where additional monitoring for other parameters is needed. | | | | | |
| RI0004009L-01 | Turner Reservoir (North and South) | 233 ac | B (E) | chlorides | This parameter was improperly listed. Review of the 1988 USGS data that was the basis of the original listing indicates that the ambient concentrations did not violate the standard. |
| RI0006017L-06 | Mashapaug Pond | 77 ac | B (E) | organics | Since it was based on sediment data, this impairment was incorrectly included on the 1998 303(d) list. |
| RI0007035L-01 | Gardiner Pond | 92 ac | A (U) | nutrients, turbidity | These parameters were listed incorrectly. There are no nutrients or turbidity data for this pond. The listing was based on extrapolation of data from a tributary, Maidford River, which do not suggest exceedence of the phosphorus standard in the pond or provide evidence of excessive algal growth. |
| RI0007035L-03 | North Easton Pond (Green End Pond) | 113 ac | A (U) | nutrients, TSS, turbidity | All of the parameters proposed to be delisted for North Easton Pond were improperly included on the 1998 303(d) list. The listings were based on extrapolation of limited data from Bailey Brook and were identified only as <u>threats</u> , not impairments, in the 1998 305(b) assessment. There is no nutrient, TSS, or turbidity data for this pond. |
| RI0008039L-01 | Chapman Pond | 173 ac | B (U) | nutrients | Data from DEM's 1998-1999 supplemental monitoring showed that total phosphorus concentrations did not exceed the standard. |
| Group 5 - Waterbodies where a TMDL, or other control action, has been developed. | | | | | |
| RI0006017R-03 | Pawtuxet River - Main Stem | 11.004 mi | | Cu | Review of the 1997 and 1998 USGS data from both the Pawtuxet and Cranston gaging stations indicates no exceedences of the dissolved copper criteria. |

| Waterbodies Entirely Delisted from the 1998 303(d) List | | | | | |
|--|--------------------------------|-----------------------|--------------|---------------------------------|---|
| Waterbody ID | Name | Size | Class | Cause | Summary of Justification for Delisting |
| Group 2 - Waterbodies where a TMDL is planned. | | | | | |
| RI0005011L-01 | Carbuncle Pond | 39 ac | A (O) | hypoxia | Review of URI Watershed Watch data indicates that the low dissolved oxygen levels at the bottom of the pond occur naturally due to its configuration and the dark (tannic) color of the water. |
| RI0010031E-02 | Nannaquaket Pond | 0.018 mi ² | SA | pathogens | This parameter was improperly listed on the 1998 303(d) list. Fecal coliform data meets the standards, but the area was closed to shellfishing as a precaution due to the proximity of a nearby marina/dock. |
| Group 4 - Waterbodies where additional monitoring for other parameters is needed. | | | | | |
| RI0007020L-04 | Posnegansett Pond | 13 ac | A (M) | hypoxia, nutrients | Data from DEM's 1998-1999 supplemental monitoring showed that the pond naturally stratifies in the bottom waters during the summer and there is no hypoxia impairment. In addition, nutrients were improperly listed. Review of the data collected in 1989 by USGS shows that the total phosphorus concentrations did not exceed the criteria. Furthermore, DEM's 1998-1999 supplemental monitoring showed that the current concentrations still do not exceed standards. |
| RI0007036L-02 | South Watson Pond (South Pond) | 5 ac | A (U) | biodiversity impacts, turbidity | Biodiversity was improperly included on the 1998 303(d) list. There has never been any biological data for the pond. The turbidity listing is also incorrect, since the pond has a naturally dark color. |
| RI0008040L-20 | Long Pond (Hopkinton) | 20 ac | B (D) | hypoxia | Data from DEM's 1998-1999 supplemental monitoring showed that the pond naturally stratifies in the bottom waters during the summer and there is no hypoxia impairment. |